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US 20060213690 A1	US- PGPUB	20060928	15	Rock drilling machine and axial bearing	175/296	175/415	Muuttonen; Timo et al.
US 20060185864 A1	US- PGPUB	20060824		Method of generating stress pulse in tool by means of pressure fluid operated impact device, and impact device	173/1		Keskiniva; Markku et al.
US 20060175091 A1	US- PGPUB	20060810		Control valve in a percussion device and a method comprising a closed pressure space at the end position of the piston	175/51	175/135; 175/296	Koskimaki; Antti et al.
US 20060169468 A1	US- PGPUB	20060803		Control valve and a method for a percussion device with a working cycle involving several coupling moments	173/1	173/206	Koskimaki; Antti et al.
US 20060157259 A1	US- PGPUB	20060720		Impact device and method for generating stress pulse therein	173/1	173/206	Keskiniva; Markku et al.
US 20060032649	US- PGPUB	20060216		Impact device with	173/213		Keskiniva; Markku et

A1				a rotatable control valve				al.
US 20050139368 A1	US- PGPUB	20050630		Percussion device with a transmission element compressing an elastic energy storing material		173/206	173/212	Keskiniva, Markku et al.
US 20050056466 A1	US- PGPUB	20050317		Drill string for upward drilling and components therefor		175/414		Cosic, Vlado et al.
US 20040251049 A1	US- PGPUB	20041216		Method and arrangement of controlling of percussive drilling based on the stress level determined from the measured feed rate		175/50	175/414	Keskiniva, Markku
US 20040244493 A1	US- PGPUB	20041209		Method and apparatus for monitoring operation of percussion device		73/702		Keskiniva, Markku et al.
US 20040226752 A1	US- PGPUB	20041118		Impact device		175/135		Keskiniva, Markku et al.
US 20040112649 A1	US- PGPUB	20040617		Rock drill		175/414	175/417	Muuttonen, Timo
US 20030155140 A1	US- PGPUB	20030821		Method of opening joints between		173/1	173/4	Muuttonen, Timo et al.

				drilling components, and rock drill			
US 20030075346 A1	US-PGPUB	20030424		Rock drilling machine	173/4		Heinonen, Jarmo et al.
US 20020084110 A1	US-PGPUB	20020704		Rock drilling and mounting frame	175/162	175/170	Heinonen, Jarmo et al.
US 7178447 B2	USPAT	20070220		Control valve and a method for a percussion device with a working cycle involving several coupling moments	91/7	91/218; 91/235; 91/321	Koskimaki; Antti et al.
US 7174824 B2	USPAT	20070213		Control valve in a percussion device and a method comprising a closed pressure space at the end position of the piston	91/218	91/236; 91/321; 91/50	Koskimaki; Antti et al.
US 7128172 B2	USPAT	20061031		Drill string for upward drilling and components therefor	175/320	173/104; 175/417	Cosic; Vlado et al.
US 7114576 B2	USPAT	20061003		Method and arrangement of controlling of percussive drilling based on the	173/2	173/112; 175/25	Keskiniva; Markku

				stress level determined from the measured feed rate				
US 7051525 B2		USPAT	20060530		Method and apparatus for monitoring operation of percussion device	60/446	60/452	Keskiniva; Markku et al.
US 7032684 B2		USPAT	20060425		Method of opening joints between drilling components, and rock drill	173/4	173/11; 173/206; 173/212	Muuttonen; Timo et al.
US 7013996 B2		USPAT	20060321		Impact device	175/135	173/201; 175/189	Keskiniva; Markku et al.
US 6938702 B2		USPAT	20050906		Method and equipment for controlling operation of rock drilling apparatus	173/1	173/11; 173/152; 173/4	Saha; Heikki et al.
US 6854538 B2		USPAT	20050215		Rock drill	175/414	173/18; 173/58; 175/322	Muuttonen; Timo
US 6732814 B2		USPAT	20040511		Rock drilling machine	173/199	173/133; 173/198	Heinonen; Jarmo et al.
US 6705407 B2		USPAT	20040316		Rock drilling and mounting frame	173/105	173/104; 173/147; 173/152; 173/216	Heinonen; Jarmo et al.
US 6505689 B1		USPAT	20030114		Arrangement for controlling rock drilling	173/4	173/11; 173/13; 173/9; 175/27	Poysti; Tapani et al.
US D459366 S		USPAT	20020625		Support element for supporting	D15/21		Heinonen; Jarmo et al.

				stabilator pistons of an axial bearing in a rock drill				
US 6273199 B1		USPAT	20010814		Arrangement in rock drill and method of controlling rock drilling	173/1	173/105; 173/206; 173/212	Kiikka; Timo et al.
US D439916 S		USPAT	20010403		Fastening body for a rock drill	D15/140		Heinonen; Jarmo et al.
US 6186246 B1		USPAT	20010213		Method for adjusting drilling of drilling machine and rock drill	173/1	173/162.1; 173/210; 173/90	Muuttonen; Timo et al.
US 6112832 A		USPAT	20000905		Method and apparatus for controlling a rock drill on the basis of sensed pressure pulses	175/40		Muuttonen; Timo et al.
US 6009957 A		USPAT	20000104		Arrangement in a feed beam of a rock drill	173/4	173/171; 173/38; 173/42	Esko; Mauri et al.
US 5896935 A		USPAT	19990427	6	Arrangement in boom for rock drilling unit	173/193		Esko; Mauri et al.
US 5351763 A		USPAT	19941004		Arrangement for an axial bearing in a drilling machine	173/210	173/105; 92/85R	Muuttonen; Timo
US 4934465 A		USPAT	19900619		Arrangement for the axial bearing of a drilling machine	173/210	92/85R	Salmi; Pekka et al.

US 4702326 A	USPAT	19871027		Coupling arrangement for a drill shank of a percussion drilling machine	173/104	175/415	Salmi; Pekka et al.
US D291087 S	USPAT	19870728		Wedge for a drill shank of a percussion drilling machine	D15/21	D15/138; D8/70	Salmi; Pekka et al.
US 4369848 A	USPAT	19830125		Control system for a rock drill	173/8		Salmi; Pekka et al.
US 4355691 A	USPAT	19821026		Hydraulic drilling apparatus	173/106		Karru; Esa et al.